

BRUHAT BANGALORE MAHANAGARA PALIKE

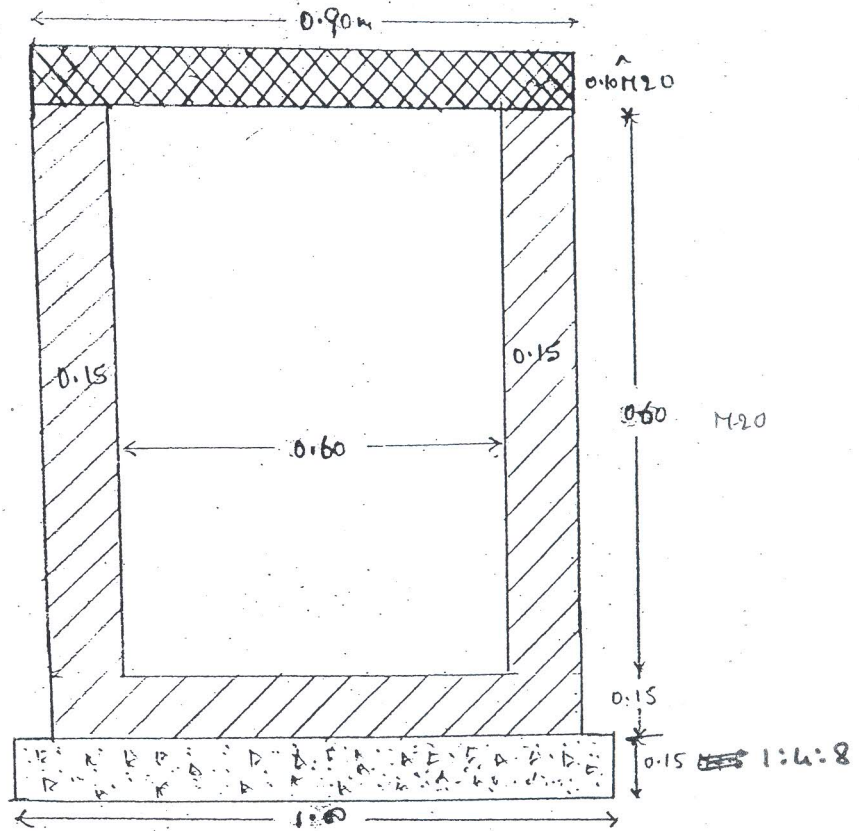
YELAHANKA ZONE

Name of work: Estimate for Construction of RCC drain with Covering Slab at 1st Main of Anjaneyaswamy Layout in Ward No. 09 (Vidyaranyapura) Vidyaranyapura Sub Division.

		Est Cost Rs.						2500000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, PWD SR 2016-17	cum							
	RCC Drain 1st Main Anjaneyaswamy LO L/S		1	310.00	1.00	0.90	279.00		
	Culvert		2	6.50	2.00	1.20	31.20		
	Basic Rate	82.00					310.20	199.36	61843.00
	Add loading and unloading Charges It No 17.1 KSRRB M 100-1	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 / km= 38.08	38.08							
		188.08							
	Area Weightage @6%	11.28							
	Total	199.36							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation , including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.3 of PWD SR 2016-17	Cum							
	RCC Drain 1st Main Anjaneyaswamy LO L/S		2	310.00	1.00	0.15	93.00		
	Culvert		2	6.50	1.80	0.15	3.51		
	Basic Rate	4867.00					96.51	5159.02	497897.00
	Area Weightage @ 6%	292.02							
	Total	5159.02							
3	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17	Cum							
	Culvert		2x2	6.50	0.60	0.90	14.04		
	Basic Rate	5005.00					14.04	5305.30	74486.00
	Area Weightage @ 6%	300.30							
	Total	5305.30							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.1, PWD SR 2016-17	Sqm							
	Culvert		2	6.50		0.90	11.70		
	Basic Rate	97.00					11.70	102.82	1203.00
	Area Weightage @ 6%	5.82							
	Total	102.82							
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills , ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.6 PWD SR 2016-17	Cum							
	Culvert Coping		2	6.50	1.80	0.10	2.34		
	Ramp		2x2	6.50	1.00	0.20	5.20		
	Basic Rate	5005.00					7.54	5305.30	40002.00
	Area Weightage @ 6%	300.30							
	Total	5305.30							
6	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Page No. 18, Item No. 4.48, PWD SR 2016-17	Cum							
	For RCC Drain bottom		1	310.00	0.90	0.15	41.85		
	side wall		2	310.00	0.15	0.60	55.80		
	Basic Rate	5879.00					97.65	6231.74	608529.00
	Area Weightage @ 6%	352.74							
	Total	6231.74							
7	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2016-17	Sqm							
	RCC Drain Side Wall		4	310.00		0.60	744.00		
	Basic Rate	293.00					744.00	310.58	231072.00
	Area Weightage @ 6%	17.58							
	Total	310.58							

CE (YNK)



CROSS SECTION OF CC DRAIN

Zadhao
AE

[Signature]
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